INTERAGENCY COORDINATING COMMITTEE
GROUNDWATER QUALITY MANAGEMENT PLAN
SAN FERNANDO VALLEY BASIN
(GWQMP-SFVB)
MEETING MINUTES
JANUARY 22, 1985

The bimonthly meeting of the Interagency Coordinating Committee (ICC) was held at 9:30 a.m. on Tuesday, January 22, 1985, in Room 1571 of the Los Angeles Department of Water and Power General Office Building. The attendance list and meeting agenda are attached (see Attachments 1 and 2). The minutes of the November 20, 1984 meeting were approved without comments.

Tom Gibson (LADWP) presented a slide program describing the activities and recommendations of the Groundwater Quality Study of the San Fernando Valley Basin and the status of the implementation of those recommendations. This program, which contains 38 slides, will be made available to member agencies as soon as a standard script is prepared. The slide showing the TCE/PCE levels in the SFVB wells will be updated.

Following this presentation, reports were heard from each chairperson of the six ICC subcommittees and have been summarized below. Minutes of all the ICC subcommittee meetings are available on request.

Public Education - Miriam Gensemer

A public education work plan is being developed by the Public Affairs Division (LADWP) with input from the subcommittee. A groundwater quality brochure, which is in draft form, may be developed into one or more brochures depending on the audience that the committee chooses to target. John Jacks (CDM) suggested that a bilingual program of brochures and handouts would be practical and effective. Discussions within the subcommittee included more involvement of other agencies in the hazardous waste education program.

M. Gensemer (SCAG) reported on the State DOHS workshop on hazardous wastes held on December 13, 1984. The talks dealt primarily with residential hazardous waste programs in Los Angeles. The Seattle program was particularly promising as a model for the Southern California area. She said that the same workshop held in Berkeley drew a larger audience compared to the one in Los Angeles. Jose Ochoa (County DOHS) briefly mentioned the current hazardous waste collection program in the Riverside/Orange County area.

Regulation of Private Disposal Systems - Robert Van Ark

Robert Van Ark (LA Bur/Eng) reported that no progress has been made since the last ICC meeting on the ordinance requiring hookup to sewers. R. Van Ark urged the management of the Bureaus of Sanitation and Engineering to follow up and encourage the development of this ordinance. At present the subcommittee's work and ideas about the proposed ordinance is in the City Attorney's Office for their use. The Crescenta Valley County Water District has reported that over 80% have voluntarily hooked up to the sewer system. Everyone in that water district should be hooked up by December 1985. A large map of the SFVB was presented and used to define the scope or areas included in the GWQMP-SFVB program.

R. Van Ark reported that he is aware of areas within the scope area that are not represented in the ICC. The Cities of La Canada/Flintridge are part of the Verdugo Basin and presently are not on sewere system. However, M. Blevins (LADWP) pointed out that parts of these cities are in the Raymond Hill Basin and drainage appears to flow away from the Verdugo Basin. L. McReynolds suggested that these cities should be contacted to discuss their situation and invited to the next ICC meeting.

The KCBS's request for the names of 12 industries that were identified as illegal waste disposers was also discussed. KCBS's intention appeared to be targeted at regulatory agencies to determine why these violators were not fined or cited.

Augmented Enforcement - James King

Jim King (LADWP) reviewed the problems of the enforcement penallties for the ordinance to require sewer hookup, the types of penalties that should be applied to violators, and the general overview of the ordinance.

J. King also reported on the status of regualtions for underground storage tanks.

R. Van Ark pointed out that both the areas of sewer hookups and and underground storage tanks are addressed by other subcommittees and that this subcommittee was duplicating their efforts. L. McReynolds suggested that the Augmented Enforcement Subcommittee combine with one of the other subcommittees and then dropped from the agenda.

Regulation of Storage tanks, Sumps and Pipelines - Johnathan Hall (for William Lebeck)

The committee is still exploring the best possible method of monitoring storage tanks. The committee is in agreement that monitoring wells should only be used when no other method is feasible. Various types of monitoring devices were discussed.

The State regulations on underground storage tanks will include broadened guidelines for monitoring requirements, although there appears to be no conflict with local authority, provided that local authority has passed an ordinance.

The Los Angeles Fire Department (LAFD) has rejected a proposal by the State Fire Marshall's Technical Committee for Pipeline Safety to broaden requirements for leak detection reporting for pipeline failures.

The LAFD has recieved the first draft of the Master Inventory List of underground tanks storing hazardous materials in Los Angeles City and County. J. Hall estimated that there are approximately 7,000 underground tanks within Los Angeles County. The LAFD is currently trying to define the scope and structure of its Hazardous Materials Unit.

Small Quantity Generators Hazardous Waste Disposal Program - Mal Toy/Miriam Gensemer

M. Gensemer (SCAG) clarified one point in the slide presentation made at the beginning of the meeting. The Small Quantity Hazardous Waste Disposal Program is a single study conducted by SCAG in cooperation with the Bur/San rather than two separate studies.

She reported on the development of a central collection service/transfer station that would recieve materials from the North Hollywood area. Although it will be quite some time before the transfer station is constructed, SCAG will begin with a collection program and an education program for small businesses. Progress to date includes an O&M manual for the transfer service and a design for the collection service. The annual projected volume from the target area is 220,000 gallons.

Siting of the transfer statio has been difficult because of the desired 2,000-foot buffer zone. SCAG reports identifying the potential zones for siting were distributed at the meeting. The DWP Valley Generating Station was ranked as the most suitable site for the collection and transfer of hazardous wastes. Municipally owned lands were preferred because of the high cost of privately owned lands. R. Fabrikant noted that since this will be the first municipally owned hazardous waste disposal site, the level of liability must be clearly defined.

J. Ochoa (County DOHS) asked whether this transfer station would be for commercial use only. M. Gensemer's response was that since the household hazardous waste study concluded that residential waste was more of a health and safety problem rather than a potential groundwaer contamination problem, the use of the transfer station would be limited to small commericial generators.

Regulation of Landfills, Groundwater Monitoring and Aquifer Management - Mel Blevins

Mel Blevins (LADWP) reported the installation of four monitoring wells in the area of the Sheldon-Arleta landfill which will be used to determine the effect of spreading at the Tujunga Spreading Grounds on the nearby landfill.

Wells are being drilled upgradient and downgradient of various other landfills in the SFVB to monitor the effects of landfills on groundwater quality.

Three exploratory wells have been drilled downgradient of the Hewitt landfill to evaluate the water quality in the areas proposed for a new LADWP production well field. Data from these wells will be used to determined if any preventive measures will be necessary to preserve the groundwater quality in this area. (see Attachment 3).

Aquifer Management

L. McReynolds updated the ICC on the activities of the North Hollywood #24 and #5 wells. The results of the well packers indicate that it is an effective means of confining TCE/PCE contaminated zones (see Attachment 4).

Other items discussed include the status of Superfund money and EPA guidance, the progress of Camp Dresser and McKee (EPA consultants) on their remedial study for the SFVB Groundwater Basin, and a process for TCE/PCE removal by ultraviolet-ozone process.

Other Business

There were no further items of business to discuss. The meeting adjourned at 11:40 a.m. The next meeting of the ICC was scheduled for Tuesday, March 19, 1985, at 9:30 a.m. in Room 1571 of the LADWP General Office Building.

MT:jt

ATTACHMENT 1

ICC MEETING ATTENDANCE
January 22, 1985

NAME	AFFILIATION	TELEPHONE
Miriam Gensemer	SCAG	(213) 739-6761
Tom Gibson	DWP	(213) 481-3163
Reva Fabrikant	Bur San	(213) 485-5347
Dale Kile	Burbank	(818) 953-9647
Bruce W. Kuebler	LADWP	(213) 481-6187
Ernest Wong	LADWP-Water Engrg Design	(213) 481-6075
Jim King	LADWP-Water Quality Division	(213) 481-3171
Bob Young	Engr. City of L.A.	(213) 485-3016
Jonathan A. Hall	L.A. City Fire Dept.	(213) 485-5977
Steve Meyerhofer	City of Glendale	(818) 956-2137
Rick Navarro	City of San Fernando	(818) 365-2541
Eldon Horst	LADWP	(213) 481-6195
Edward A. Schlotman	L.A. City Atty-DWP	(213) 481-6370
John Ivascyn	MWDSC	(213) 250-6000
John Jacks II	Camp Dresser & McKee, Inc.	(714) 752-5452
Dick Rinaldi	L.A. Co. Health Services	(213) 744-3251
Paula Bisson	EPA Superfund	(415) 974-7517
Nicholas Agbobu	L.A. Co. Engineer-Facilities	(213) 738-2517
John Schumann	LADWP-Power System	(213) 481-4845
Jose Ochoa	L.A. Co. Health Services	(213) 744-3235
Art Van Orden	LADWP-Design Div. Planning	(213) 481-6125
Robert J. Van Ark	L.A. City Bureau of Engrg	(818) 989-8428
Mel Blevins	LADWP-ULARA Watermaster	(213) 481-5339
Larry McReynolds	LADWP-Water Quality Division	(213) 481-3142
Ali Karimi	LADWP-Water Quality Division	(213) 481-3170
Walter Zeisl	LADWP-Water Quality Division	(213) 481-6357
Melinda Thun	LADWP-Water Quality Division	(213) 481-3172

ATTACHMENT 2

INTERAGENCY COORDINATING COMMITTEE
For Implementation of
Groundwater Quality Management Plan
(S.F.V. Basin)

AGENDA

Date: January 22, 1985
Time: 9:30 a.m.
Place: Los Angeles Department of Water and Power
111 North Hope Street, Room 1571
Los Angeles, CA 90012

I Introductions

II Approval of minutes

III Progress Report of Subcommittee Activities

A.	Public Education Program "Slide presentation on the SFVB groundwater study"	Miriam Gensemer by Tom Gibson
B.	Regulation of Private Disposal Systems	Robert Van Ark
C.	Augmented Enforcement Program	Jim King
D.	Regulation of Storage Tanks, Sumps, and Pipelines	William Lebeck
E.	Small-Quantity Generator Hazardous Waste Disposal Program	Mal Toy/M. Gensemer
F.	Regulation of Landfills, Groundwater Monitoring Program, Aquifer Management and Groundwater Treatment Program	Mel Blevins

IV Old Business

V New Business

VI Next Meeting Date _____, 1985

Time _____

PETER ROGALSKY

JAN 10 1985

1-22-85

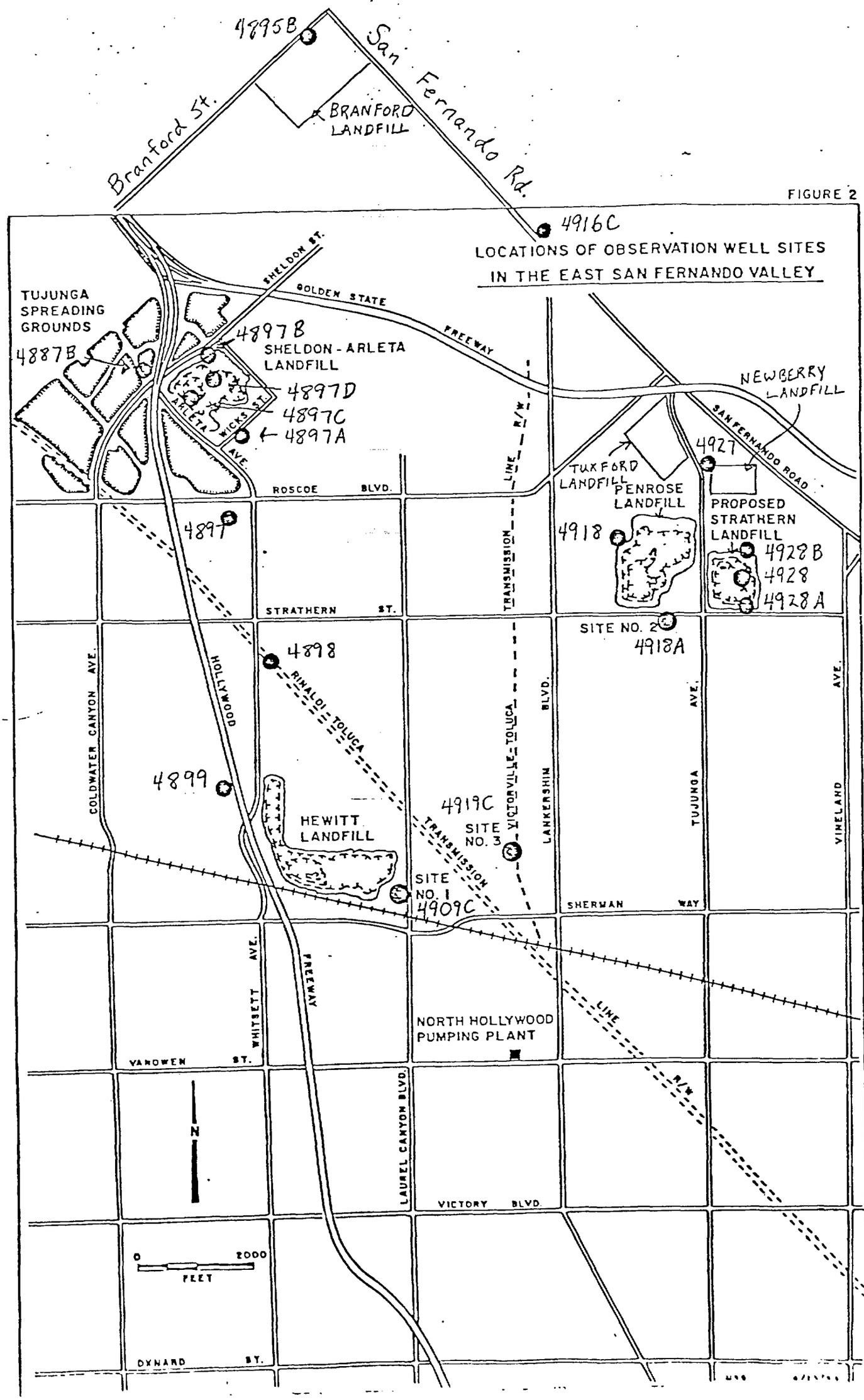
ATTACHMENT 3.

EASTERN SFVB MONITORING WELLS

	Well No.		Date Drilled	Responsible Agency	Well Depth ft.	Well Diameter in.	Depth to Water ft.	Depth to Water Date	Lab Analyses TCE ppb	PCE ppb	1,2 Dichloroethane ppb
*	4887B	#1	7/84	LADWP	69	4	Dry	11/21/84	—	—	—
		#2	7/84	"	132	4	129	11/21/84	—	—	—
		#3	7/84	"	350	6	129	11/21/84	0.1	0.1	—
	4895B		7/84	Bur/San	420	6	312	12/12/84	0.2	0.2	—
	4897B	#1	7/84	LADWP	196	4	Dry	12/5/84	—	—	—
		#2	7/84	"	102	4	Dry	12/5/84	—	—	—
		#3	7/84	"	76	4	Dry	12/5/84	—	—	—
	4897C		7/84	"	140	2	Dry	12/5/84	—	—	—
	4897D		7/84	"	98	2	Dry	12/5/84	—	—	—
	4899		11/84	Valley Reclamation	NA	8	NA		N.D.	1.9	—
	4909C		1/85	LADWP	500	6	NA		—	—	—
	4916C		NA	Livingston Graham	510	14	NA		2.5	25.0	ND
	4918		11/84	L.A. By-Products	365	8	266	11/3/84	5.5	4.0	ND
→	4918A		12/84	LADWP	500	6	255	12/31/84	31.0	5.1	ND
	4919C		1/85	"	500	6	NA		—	—	—
	4927		11/84	L.A. By-Products	375	8	266	11/3/84	ND	2.0	ND
	4928		1964	"	670	14	NA		ND	0.9	5.4
	4928A		4/84	"	452	8	236	5/2/84	ND	1.5	8.8
	4928B		11/84	"	362	8	264	11/3/84	ND	3.4	ND
	4897		1932	LADWP	450	20	250	12/84	ND	ND	—
	4897A		1963	"	380	8	NA		0.1	ND	—
	4898		1974	"	365	20	230	12/20/84	0.1	0.2	—

NA - information not available N.D. - Compound not detected — no analysis performed

FIGURE 2


4895B
Branford St.
San Fernando Rd.
BRANFORD LANDFILL
4916C
LOCATIONS OF OBSERVATION WELL SITES
IN THE EAST SAN FERNANDO VALLEY
SHELDON ST.
GOLDEN STATE FREEWAY
TUJUNGA SPREADING GROUNDS
4887B
4897B
SHELDON - ARLETA LANDFILL
4897D
4897C
4897A
ARLETA AVE.
WICKS ST.
ROSCOE BLVD.
NEWBERRY LANDFILL
SAN FERNANDO ROAD
4927
TUXFORD LANDFILL
PENROSE LANDFILL
4918
PROPOSED STRATHERN LANDFILL
4928B
4928
4928A
4897
STRATHERN ST.
TRANSMISSION LINE R/W
SITE NO. 2
4918A
4898
RINALDI-TOLUCA
HOLLYWOOD
COLDWATER CANYON AVE.
4899
HEWITT LANDFILL
4919C
SITE NO. 3
VICTORVILLE-TOLUCA TRANSMISSION LINE
LANKERSHIM BLVD.
TUJUNGA AVE.
VINELAND AVE.
SITE NO. 1
4909C
SHERMAN WAY
WHITSETT AVE.
VANOWEN ST.
FREEWAY
NORTH HOLLYWOOD PUMPING PLANT
LAUREL CANYON BLVD.
VICTORY BLVD.
N
0
2000
FEET
OXNARD ST.

F.

1-22-85.

0000186

ATTACHMENT 4.

STRATHERN PIT MONITORING WELL DATA

Compound	Upgradient Wells				Downgradient Wells		
	4916c	L.A. By-Products No. 1	No. 2	No. 4	4928	4928A	DWP No. 2
TCE	2.5	5.5	ND	ND	ND	ND	31
PCE	25	4.0	2.0	3.4	0.9	1.5	5.1
1,2 Dichloroethane	ND	ND	ND	ND	5.4	8.8	ND

Results in parts per billion
ND — NON-DECTED

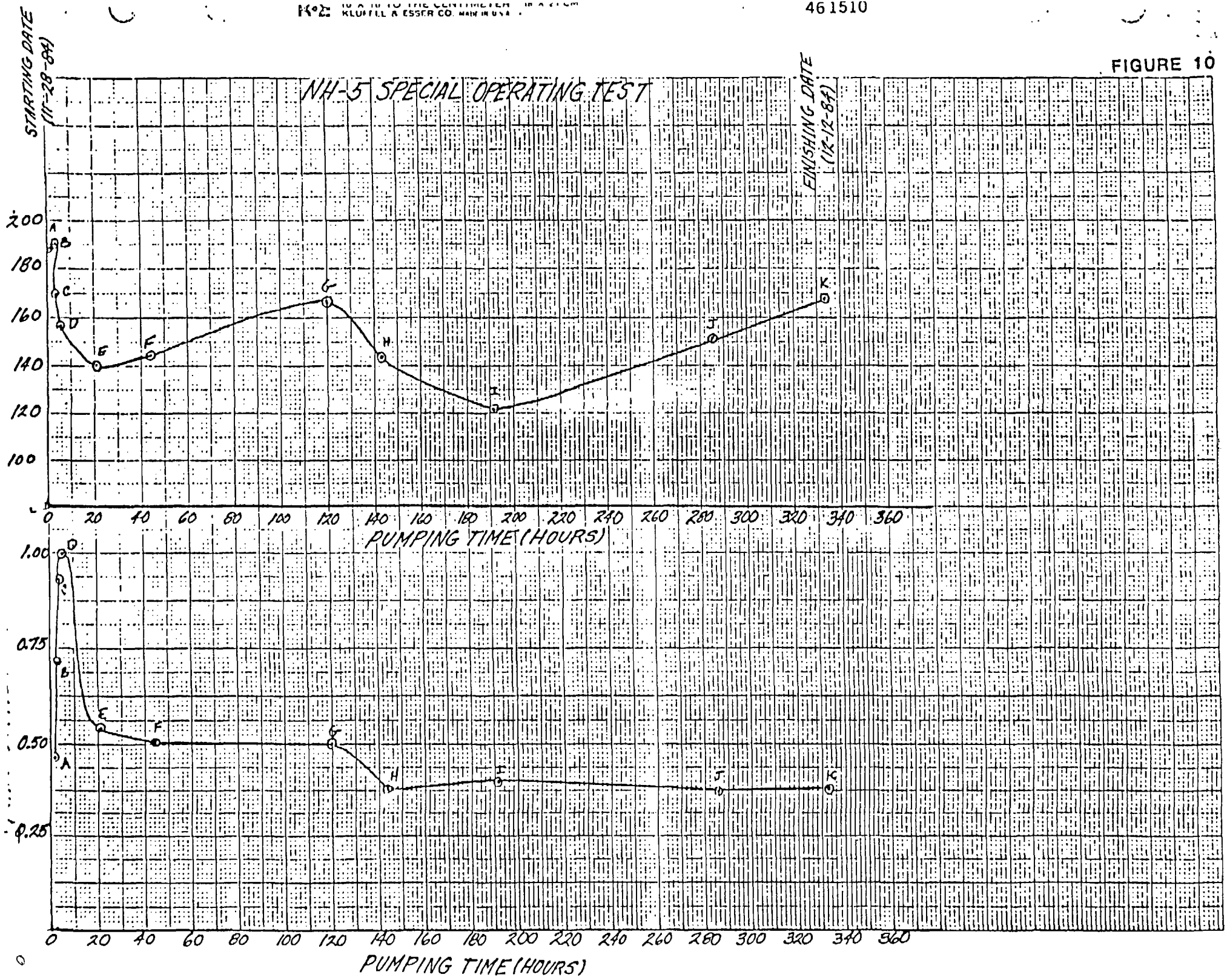
Other Compounds Found in at Least Two Wells:

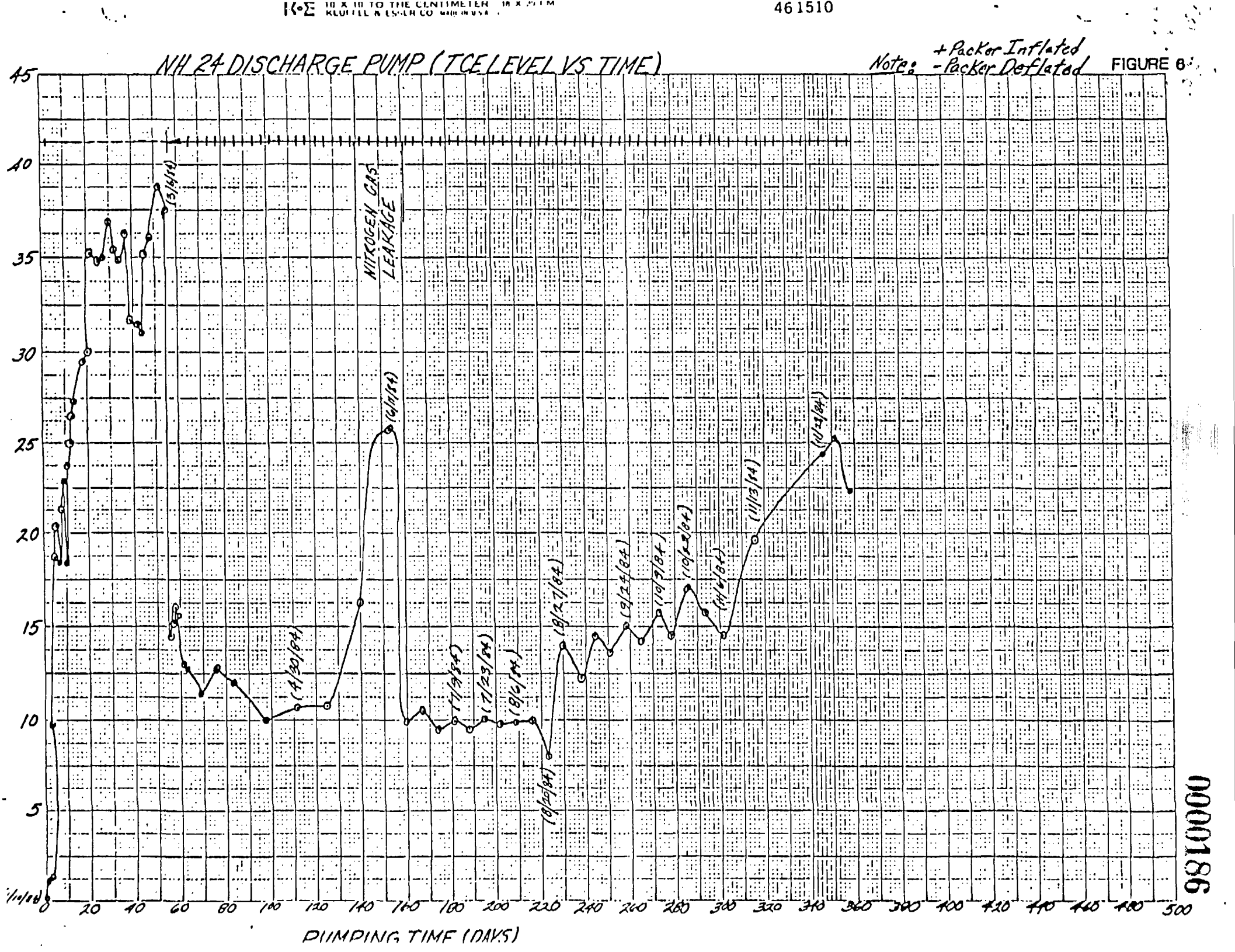
1. Petroleum Distillate Hydrocarbons: C4-C8
2. Cyclopentane
3. Methyl Cyclopentane
4. Cyclohexane
5. Cyclohexene
6. Dimethyl Cyclopentane Isomers
7. Methyl Cyclopentene
8. Ethyl Cyclopentane
9. MP Xylenes
10. Trimethyl Benzene
11. Methyl Cyclohexane
12. Methyl Cyclohexene
13. Cumene
14. N-propyl Benzene
15. Ethyl Toluene Isomers
16. Isopropyl Toluene
17. N-butyl Benzene
18. Tetramethyl Benzene
19. Test Amyl Benzene

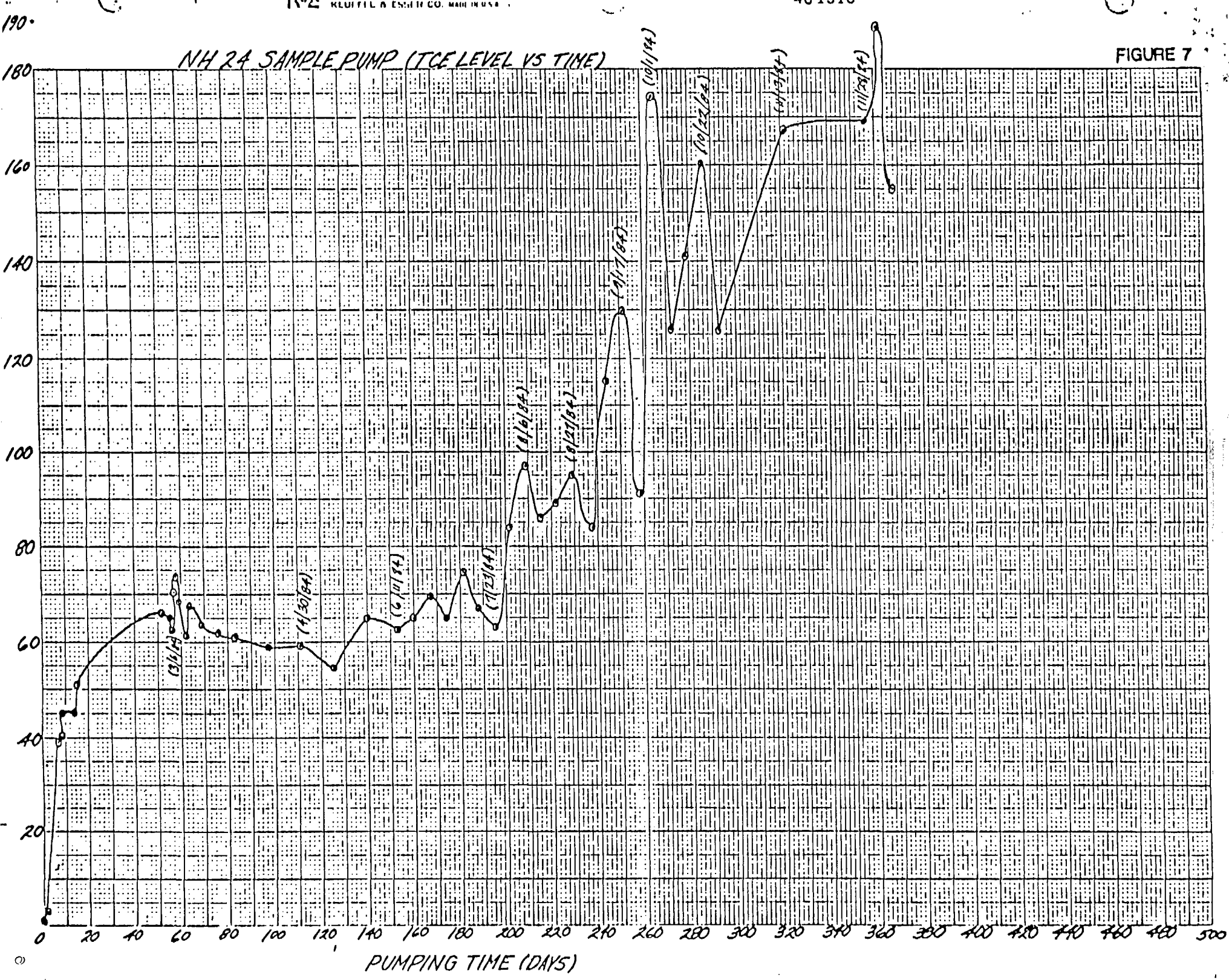
PR:ea

pr50

FIGURE 10




NH 24 DISCHARGE PUMP (TCE LEVEL VS TIME)
Note: + Packer Inflated
- Packer Deflated
FIGURE 6
NITROGEN GAS LEAKAGE
(3/6/84)
(4/30/84)
(6/1/84)
(7/9/84)
(7/23/84)
(8/6/84)
(8/20/84)
(8/27/84)
(9/24/84)
(10/9/84)
(10/22/84)
(11/6/84)
(11/13/84)
(11/29/84)
45
40
35
30
25
20
15
10
5
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340
360
380
400
420
440
460
480
500
PUMPING TIME (DAYS)


NH 24 SAMPLE PUMP (TCE LEVEL VS TIME)
FIGURE 7
190
180
160
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340
360
380
400
420
440
460
480
500
PUMPING TIME (DAYS)
(3/14)
(4/30/84)
(6/11/84)
(7/23/84)
(8/16/84)
(8/27/84)
(9/17/84)
(10/1/84)
(10/22/84)
(11/13/84)
(11/28/84)